EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	(US-20020007790-$).did. or (US-5575853-$ or US-5851293-$ or US-5484484-$ or US-6162734-$ or US-5954911-$ or US-5832948-$ or US-5303671-$ or US-5897378-$ or US-5388944-$ or US-5217501-$ or US-5378283-$ or US-5567267-$).did. or (JP-01021079-$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 21:58
L2	32	("5016567").PN. OR ("5484484").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/02 22:06
L3	2	("6277763").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/02 22:10
S1	9060	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 17:34
S2	8108	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/25 11:29
S3	2336	141/285-286.ccls. or 141/37.ccls. or 141/44-47. ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/25 11:29

S4	464	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/25 11:29
S5	2588	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/25 11:29
S6	7082	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/25 11:29
S7	28985	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/25 11:29

S8	1981	(118/723e.ccls. or 118/723r.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:34
S9	9584	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35
S10	7855	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35
S11	2394	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35
S12	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35
S13	2601	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35
S14	7143	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35

S15	29391	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35
S16	30815	S8 or S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 08:35
S24	1999	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/30 20:47

S31	29533	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/30 20:47
S32	30973	S24 or S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/30 20:47
S33	2	US-20040089227-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:03
S34	9718	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53

S35	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S36	2411	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S37	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S38	2606	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S39	7156	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S40	29577	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53

		(261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)				
S41	2008	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S42	9718	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S43	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S44	2411	141/285-286.ccls. or 141/37.ccls. or 141/44-47. ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S45	471	261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S46	2606	261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S47	7156	261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53

S48	29577	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S49	31023	S41 or S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S50	2008	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53

S51	29577	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S52	31023	S50 or S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S53	32582	118/723r.ccls. or 118/723m?.ccls. or 118/723e?.ccls. or 118/723i?.ccls. or 156/345.31-345.36.ccls. or S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:04
S54	76	S53 and "single pump"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:11
S55	232	S53 and (common with (pump or power)) and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 12:49

S56	28	S55 and (throttle adj1 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:01
S57	16	S56 and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:01
S58	8	S57 and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:28
S59	42	(("4,105,916") or ("4,149,923") or ("4,483,651") or ("4,560,417") or ("4,638,176") or ("4,640,224") or ("4,692,343") or ("4,702,205") or ("5,000,682") or ("5,019,233") or ("5,138,973") or ("5,225,771") or ("5,292,393") or ("5,310,410") or ("5,338,423") or ("5,376,212") or ("5,488,967") or ("5,515,986") or ("5,567,268") or ("5,587,182") or ("5,595,482")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:32
S60	44	(("4,105,916") or ("4,149,923") or ("4,483,651") or ("4,560,417") or ("4,638,176") or ("4,640,224") or ("4,692,343") or ("4,702,205") or ("5,000,682") or ("5,019,233") or ("5,138,973") or ("5,225,771") or ("5,292,393") or ("5,310,410") or ("5,338,423") or ("5,376,212") or ("5,488,967") or ("5,515,986") or ("5,567,268") or ("5,587,182") or ("5,595,482")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:38

S61	17	(("5,611,861") or ("5,647,945") or ("5,755,888") or ("5,855,681") or ("5,900,105") or ("6,053,980")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:39
S62	2	("6228773").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:41
S63	2	("6273956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:39
S64	2	("20020036065").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 13:41
S65	2	("6,273,956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 10:21
S66	2	"5338363".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:03
S67	10019	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S68	7927	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S69	2442	141/285-286.ccls. or 141/37.ccls. or 141/44-47. ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

S70	477	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S71	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S72	7187	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S73	30001	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

S74	2082	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S75	10019	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S76	7927	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S77	2442	141/285-286.ccls. or 141/37.ccls. or 141/44-47. ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S78	477	261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S79	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S80	7187	261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

S81	30001	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S82	31504	S74 or S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S83	2082	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

S84	30001	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S85	31504	S83 or S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S86	2	US-20040089227-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S87	10019	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

S88	7927	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S89	2442	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S90	477	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S91	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S92	7187	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S93	30001	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

		(261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)				
S94	2082	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S95	10019	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S96	7927	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S97	2442	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S98	477	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S99	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S100	7187	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

S101	30001	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S102	31504	S94 or S101	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S103	2082	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44

S104	30001	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40. ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S105	31504	S103 or S104	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S106	33137	118/723r.ccls. or 118/723m?.ccls. or 118/723e?.ccls. or 118/723i?.ccls. or 156/345.31-345.36.ccls. or S105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S107	80	S106 and "single pump"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:44
S108	241	S106 and (common with (pump or power)) and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44

S109	29	S108 and (throttle adj1 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S110	16	S109 and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S111	8	S110 and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S112	42	(("4,105,916") or ("4,149,923") or ("4,483,651") or ("4,560,417") or ("4,638,176") or ("4,640,224") or ("4,692,343") or ("4,702,205") or ("5,000,682") or ("5,019,233") or ("5,138,973") or ("5,225,771") or ("5,292,393") or ("5,310,410") or ("5,338,423") or ("5,376,212") or ("5,488,967") or ("5,515,986") or ("5,567,268") or ("5,587,182") or ("5,595,482")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S113	44	(("4,105,916") or ("4,149,923") or ("4,483,651") or ("4,560,417") or ("4,638,176") or ("4,640,224") or ("4,692,343") or ("4,702,205") or ("5,000,682") or ("5,019,233") or ("5,138,973") or ("5,225,771") or ("5,292,393") or ("5,310,410") or ("5,338,423") or ("5,376,212") or ("5,488,967") or ("5,515,986") or ("5,567,268") or ("5,587,182") or ("5,595,482")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44

S114	17	(("5,611,861") or ("5,647,945") or ("5,755,888") or ("5,855,681") or ("5,900,105") or ("6,053,980")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S115	2	("6228773").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S116	2	("6273956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S117	2	("20020036065").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S118	2	("6,273,956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 14:44
S119	2	S82 and (((throttle adj1 valve) with (dry adj1 pump))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:47
S120	5	S82 and (((throttle adj1 valve) same (dry adj1 pump))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:49
S121	21	S82 and (((throttle adj1 valve) and (dry adj1 pump))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:51
S122	287	S82 and (((throttle adj1 valve) with (pump))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:51
S123	283	S122 not S121	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:51
S124	256	S123 and (wafer or substrate) and (chamber or reactor or vessel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:52
S125	188	S124 and (computer or controller or CPU or PC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:53

S126	4	(US-3743141-\$ or US-6030489-\$ or US-4612207-\$).did. or (JP-59070761-\$).did.	USPAT; JPO	OR	ON	2005/12/01 15:21
S127	1	"6,273,956".did.	USPAT	OR	ON	2005/12/01 15:21
S128	18	cox-gerald-m.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 10:26
S129	30	WANG-ALBERT.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 10:28
S130	3	("2002036065").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/05 10:28
S131	0	("us-2002036065-\$.did.").PN.	US-PGPUB	OR	OFF	2005/12/05 10:29
S132	0	us-2002036065-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 10:30
S133	364	yamagishi.in.	US-PGPUB	OR	ON	2005/12/05 10:30
S134	110	S133 and (wafers or substrates)	US-PGPUB	OR	ON	2005/12/05 10:30
S135	736	118/663.ccls. or 156/345.24.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 10:38
S136	53	S135 and (156/345.31-345.32.ccls. or 118/719.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 10:47
S137	3	"6802933".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 10:47
S138	8	(US-20020036065-\$).did. or (US-3743141-\$ or US-4612207-\$ or US-6030489-\$ or US-6273956-\$ or US-6228773-\$ or US-6802933-\$).did. or (JP-59070761-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/12/05 13:05
S139	2	(("6,273,956") or ("6,228,773")).PN.	USPAT	OR	OFF	2006/05/11 08:23

S140	4	(("6273956") or ("6228773")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 13:07
S141	2	(("6,273,956") or ("6,228,773")).PN.	USPAT	OR	OFF	2006/10/30 13:53
S142	8	(US-20020036065-$).did. or (US-6273956-$ or US-3743141-$ or US-6228773-$ or US-6030489-$ or US-6802933-$ or US-4612207-$).did. or (JP-59070761-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/13 11:12
S143	8	(US-20020036065-$).did. or (US-6228773-$ or US-6802933-$ or US-4612207-$ or US-6273956-$ or US-6030489-$ or US-3743141-$).did. or (JP-59070761-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/13 13:05
S144	1	"5993555".pn.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/13 13:05
S145	5	("5421288" | "5487358").PN. OR ("5993555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/13 15:57
S146	11	(US-20020036065-$).did. or (US-6228773-$ or US-6802933-$ or US-4612207-$ or US-6273956-$ or US-6030489-$ or US-3743141-$ or US-5993555-$ or US-6579372-$ or US-5487358-$).did. or (JP-59070761-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/13 18:32
S147	8	S146 and throttle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 18:37
S148	2	"6277763".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 18:38

S149	10	(iris with exhaust) and (wafer or substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 18:55
S150	2	"5993555".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 18:55
S151	13	(US-20020036065-$).did. or (US-6802933-$ or US-6579372-$ or US-6273956-$ or US-6228773-$ or US-6030489-$ or US-4612207-$ or US-5993555-$ or US-5487358-$ or US-3743141-$ or US-6277763-$ or US-5070813-$).did. or (JP-59070761-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/13 19:36
S152	10	(iris with exhaust) and (wafer or substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 19:48
S153	13	(US-20020036065-$).did. or (US-6802933-$ or US-6579372-$ or US-6277763-$ or US-6228773-$ or US-6273956-$ or US-5487358-$ or US-6030489-$ or US-5993555-$ or US-5070813-$ or US-4612207-$ or US-3743141-$).did. or (JP-59070761-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/15 09:50
S154	13	(US-20020036065-$).did. or (US-6579372-$ or US-6802933-$ or US-6277763-$ or US-6273956-$ or US-5993555-$ or US-6228773-$ or US-6030489-$ or US-4612207-$ or US-5487358-$ or US-5070813-$ or US-3743141-$).did. or (JP-59070761-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/15 11:12

S155	7	S154 and plasma	US-PGPUB; USPAT; JPO	OR	ON	2007/07/15 11:12
S156	2	("5993555").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 17:36
S157	2	("5070813").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 17:36
S158	4	(("5993555") or ("5070813")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/12 09:47
S159	4	(("5993555") or ("5070813")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/29 08:27
S160	13	(US-20020036065-$).did. or (US-6228773-$ or US-6802933-$ or US-6030489-$ or US-5487358-$ or US-6579372-$ or US-5070813-$ or US-6277763-$ or US-4612207-$ or US-5993555-$ or US-6273956-$ or US-3743141-$).did. or (JP-59070761-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2008/10/29 10:31
S161	2	("20050249876").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/29 13:26
S162	178	Kawahara-Takaaki.in. or Torii-Kazuyoshi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 13:28
S163	125	S162 and (wafer or substrate or film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 13:29

S164	14	(US-20020036065-$).did. or (US-6228773-$ or US-6802933-$ or US-6030489-$ or US-5487358-$ or US-6579372-$ or US-5070813-$ or US-6277763-$ or US-4612207-$ or US-5993555-$ or US-6273956-$ or US-3743141-$).did. or (JP-59070761-$ or JP-2005322668-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2008/10/29 14:47
S165	16	("3854443" | "4062706" | "4421786" | "5134965" | "5227330" | "5390626" | "5402748").PN. OR ("5487358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 16:15
S166	2	("6277763").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/02 15:24
S167	14	(US-20020036065-$).did. or (US-6228773-$ or US-6802933-$ or US-6030489-$ or US-5487358-$ or US-6579372-$ or US-5070813-$ or US-6277763-$ or US-4612207-$ or US-5993555-$ or US-6273956-$ or US-3743141-$).did. or (JP-59070761-$ or JP-2005322668-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2008/11/02 15:41
S168	2	("6461436").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/02 15:47
S169	2	("6551929").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/02 15:48

S170	240	("20010000866" | "20010009140" | "20010011526" | "20010031562" | "200100034123" | "20010041250" | "20010042799" | "4058430" | "4389973" | "4413022" | "4486487" | "4767494" | "4806321" | "4813846" | "4829022" | "4834831" | "4838983" | "4838993" | "4840921" | "4845049" | "4859625" | "4859627" | "4861417" | "4876218" | "4917556" | "4927670" | "4931132" | "4951601" | "4960720" | "4975252" | "4993357" | "5000113" | "5013683" | "5028565" | "5082798" | "5085885" | "5091320" | "5130269" | "5166092" | "5173474" | "5186718" | "5205077" | "5225366" | "5234561" | "5246536" | "5250148" | "5254207" | "5256244" | "5259881" | "5270247" | "5278435" | "5281274" | "5286296" | "5290748" | "5294286" | "5296403" | "5300186" | "5311055" | "5316615" | "5316793" | "5330610" | "5336324" | "5338389" | "5348911" | "5374570" | "5395791" | "5438952" | "5439876" | "5441703" | "5443033" | "5443647" | "5455072" | "5458084" | "5469806" | "5480818" | "5483919" | "5484664" | "5503875" | "5521126" | "5527733" | "5532511" | "5540783" | "5580380" | "5601651" | "5609689" | "5616181" | "5637530" | "5641984" | "5644128" | "5667592" | "5674786" | "5693139" | "5695564" | "5705224" | "5707880" | "5711811" | "5730801" | "5730802" | "5747113" | "5749974" | "5788447" | "5788799" | "5796116" | "5801634" | "5807792" |	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/02 15:49

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S174	327	(wafer or substrate) and (reactor or chamber or vessel) and (exhaust with (trace or curve))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 18:22

S175	4	S174 and (reactant$3 with (trace or curve))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 18:23
S176	323	S174 not S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 18:26
S177	142	S176 not engine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 18:55
S178	86	S177 and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 18:56
S179	25	(US-20020036065-$ or US-20010000866-$ or US-20060121689-$ or US-20020197402-$).did. or (US-6228773-$ or US-6802933-$ or US-6030489-$ or US-5487358-$ or US-6579372-$ or US-5070813-$ or US-6277763-$ or US-4612207-$ or US-5993555-$ or US-6273956-$ or US-3743141-$ or US-6551929-$ or US-7422635-$ or US-7344755-$ or US-6428859-$ or US-6342277-$ or US-7410671-$ or US-4747367-$ or US-4767494-$).did. or (JP-59070761-$ or JP-2005322668-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2008/11/02 18:59
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S182	2	("5091207").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/02 21:43
S183	50	("3603284" | "3747559" | "4703718").PN. OR ("5091207").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/02 21:44
S184	2	("20030094134").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/02 21:55

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